

## PATENT COOPERATION TREATY

PCT

## NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Commissioner  
 US Department of Commerce  
 United States Patent and Trademark  
 Office, PCT  
 2011 South Clark Place Room  
 CP2/5C24  
 Arlington, VA 22202  
 ETATS-UNIS D'AMERIQUE  
 in its capacity as elected Office

<b>Date of mailing (day/month/year)</b> 13 June 2001 (13.06.01)	<b>Applicant's or agent's file reference</b> DW/RM/98126WO
<b>International application No.</b> PCT/GB00/03357	<b>Priority date (day/month/year)</b> 01 September 1999 (01.09.99)
<b>International filing date (day/month/year)</b> 01 September 2000 (01.09.00)	
<b>Applicant</b> HUMPHRIES, Michael	

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International Preliminary Examining Authority on:  
 24 March 2001 (24.03.01)

☐ in a notice effecting later election filed with the International Bureau on:

2. The election ☒ was  
☐ was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

<b>The International Bureau of WIPO</b> 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35	Authorized officer Olivia TEFY Telephone No.: (41-22) 338.83.38
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## PATENT COOPERATION TREATY

PCT

NOTIFICATION OF THE RECORDING  
OF A CHANGE(PCT Rule 92bis.1 and  
Administrative Instructions, Section 422)

From the INTERNATIONAL BUREAU

To:

WEITZEL, David, Stanley  
Brookes Batchellor  
102-108 Clerkenwell Road  
London EC1M 5SA  
ROYAUME-UNI

Date of mailing (day/month/year) 03 juillet 2001 (03.07.01)	<b>IMPORTANT NOTIFICATION</b>
Applicant's or agent's file reference DW/RM/98126WO	
International application No. PCT/GB00/03357	International filing date (day/month/year) 01 septembre 2000 (01.09.00)

1. The following indications appeared on record concerning:		
<input type="checkbox"/> the applicant	<input type="checkbox"/> the inventor	<input checked="" type="checkbox"/> the agent
<input type="checkbox"/> the common representative		
Name and Address WEITZEL, David, Stanley Batchellor, Kirk & Co. 102-108 Clerkenwell Road London EC1M 5SA United Kingdom	State of Nationality	State of Residence
	Telephone No. 020 7253 1563	
	Facsimile No. 020 7253 1214	
	Teleprinter No.	
2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:		
<input type="checkbox"/> the person	<input checked="" type="checkbox"/> the name	<input type="checkbox"/> the address
<input type="checkbox"/> the nationality		
<input type="checkbox"/> the residence		
Name and Address WEITZEL, David, Stanley Brookes Batchellor 102-108 Clerkenwell Road London EC1M 5SA United Kingdom	State of Nationality	State of Residence
	Telephone No. 020 7253 1563	
	Facsimile No. 020 7253 1214	
	Teleprinter No.	
3. Further observations, if necessary:		
4. A copy of this notification has been sent to:		
<input checked="" type="checkbox"/> the receiving Office	<input type="checkbox"/> the designated Offices concerned	
<input type="checkbox"/> the International Searching Authority	<input checked="" type="checkbox"/> the elected Offices concerned	
<input checked="" type="checkbox"/> the International Preliminary Examining Authority	<input type="checkbox"/> other:	

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer  Lazar Joseph Panakal
Facsimile No.: (41-22) 740.14.35	Telephone No.: (41-22) 338.83.38

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>DW/RM/98126WO</b>	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. <b>PCT/GB 00/ 03357</b>	International filing date (day/month/year) <b>01/09/2000</b>	(Earliest) Priority Date (day/month/year) <b>01/09/1999</b>
Applicant  <b>IDEAS WORKSHOP LTD. et al.</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 6 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☒ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

1  
☐ None of the figures.

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/GB 00/03357

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
  
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
  
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
  
3. ☒ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:  
  
1-4 9 and 14
  
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

**FURTHER INFORMATION CONTINUED FROM PCT/SA/ 210**

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-4

A parallel rule having at least a hole

2. Claims: 5-8 10-13

a parallel rule contained in a package

3. Claims: 9, 14

a parallel rule having friction material

# INTERNATIONAL SEARCH REPORT

International application No.

PC 00/ 03357

## Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

A parallel rule is disclosed having two component rules (4,6) each providing one of two opposed parallel straight edges. A linkage (10) allows relative movement of the rules in a direction orthogonal to the straight edges but prohibits relative movement in a direction parallel to the straight edges. At least one component rule has at least one through hole (12) suitable to receive the point of a pencil.

## INTERNATIONAL SEARCH REPORT

International Application No

PCT 00/03357

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B43L7/12 B43L12/00 A45C11/36

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B43L A45C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 168 948 A (CAMPBELL) 22 January 1986 (1986-01-22) the whole document	1-3
Y	US 5 501 019 A (CONCARI ET AL.) 26 March 1996 (1996-03-26) abstract; figures	1-3
Y	GB 278 502 A (CAPLIN) page 1, line 34 -page 2, line 2; figures	1,2,4
Y	US 4 235 022 A (ALDAPE) 25 November 1980 (1980-11-25) abstract; figures	1,2,4
A	GB 424 907 A (LUARD) 4 March 1935 (1935-03-04) claims; figures	1,3,4
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

20 April 2001

Date of mailing of the international search report

03.05.01

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Perney, Y

## INTERNATIONAL SEARCH REPORT

International Application No

PCT 00/03357

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 619 338 A (LUARD) 8 March 1949 (1949-03-08) figures 1,4 ---	1,4
Y	US 2 161 236 A (SHAW) 6 June 1939 (1939-06-06) the whole document ---	9,14
Y	DE 15 11 428 A (WILHELM DAHLE METALLWARENFABRIK) 31 July 1969 (1969-07-31) page 4, last paragraph -page 6, last paragraph; figures 4-6 ---	9,14
A	FR 1 191 549 A (DARVAL) 20 October 1959 (1959-10-20) abstract; figures ---	9,14
A	US 1 343 968 A (HAHN) 22 June 1920 (1920-06-22) the whole document -----	9,14



# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT 00/03357

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 168948 A	22-01-1986	GB 2160478 A	24-12-1985
US 5501019 A	26-03-1996	US 5426859 A	27-06-1995
		CA 2136398 A,C	07-06-1995
		DE 69402946 D	05-06-1997
		DE 69402946 T	14-08-1997
		EP 0657307 A	14-06-1995
GB 278502 A		NONE	
US 4235022 A	25-11-1980	ES 234191 Y	16-08-1978
		DE 2905015 A	13-09-1979
		FR 2418098 A	21-09-1979
		GB 2015933 A	19-09-1979
		JP 54130250 A	09-10-1979
GB 424907 A	04-03-1935	NONE	
GB 619338 A	08-03-1949	NONE	
US 2161236 A	06-06-1939	NONE	
DE 1511428 A	31-07-1969	NONE	
FR 1191549 A	20-10-1959	NONE	
US 1343968 A	22-06-1920	NONE	

REC'D 13 MAR 2002

WIPO PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference DW/RM/98126WO	<b>FOR FURTHER ACTION</b> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/GB00/03357	International filing date (day/month/year) 01/09/2000	Priority date (day/month/year) 01/09/1999
International Patent Classification (IPC) or national classification and IPC B43L7/12		
Applicant IDEAS WORKSHOP LTD. et al.		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of 6 sheets, including this cover sheet.



☒ This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of 1 sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☒ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☒ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

**CORRECTED  
VERSION**

Date of submission of the demand  24/03/2001	Date of completion of this report  08.03.2002
Name and mailing address of the international preliminary examining authority:   European Patent Office - P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk - Pays Bas Tel. +31 70 340 - 2040 Tx: 31 651 epo nl Fax: +31 70 340 - 3016	Authorized officer  Perney, Y  Telephone No. +31 70 340 3364  

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/GB00/03357

## I. Basis of the report

1. With regard to the **elements** of the international application (*Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)*):

### Description, pages:

1-6 as originally filed

### Claims, No.:

7-14 as originally filed

1-6 as received on 26/02/2002 with letter of 20/02/2002

### Drawings, sheets:

1/6-6/6 as originally filed

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language: , which is:

- ☐ the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. The amendments have resulted in the cancellation of:

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/GB00/03357

- ☐ the description,      pages:
- ☐ the claims,      Nos.:
- ☐ the drawings,      sheets:

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)):

*(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)*

6. Additional observations, if necessary:

### III. Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

1. The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non-obvious), or to be industrially applicable have not been examined in respect of:

- ☐ the entire international application.
- ☒ claims Nos. 10-14.

because:

- ☐ the said international application, or the said claims Nos. relate to the following subject matter which does not require an international preliminary examination (*specify*):
- ☐ the description, claims or drawings (*indicate particular elements below*) or said claims Nos. are so unclear that no meaningful opinion could be formed (*specify*):
- ☐ the claims, or said claims Nos. are so inadequately supported by the description that no meaningful opinion could be formed.
- ☒ no international search report has been established for the said claims Nos. 10-14.

2. A meaningful international preliminary examination cannot be carried out due to the failure of the nucleotide and/or amino acid sequence listing to comply with the standard provided for in Annex C of the Administrative Instructions:

- ☐ the written form has not been furnished or does not comply with the standard.
- ☐ the computer readable form has not been furnished or does not comply with the standard.

### IV. Lack of unity of invention

1. In response to the invitation to restrict or pay additional fees the applicant has:

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/GB00/03357

- ☐ restricted the claims.
- ☐ paid additional fees.
- ☐ paid additional fees under protest.
- ☒ neither restricted nor paid additional fees.

2. ☐ This Authority found that the requirement of unity of invention is not complied and chose, according to Rule 68.1, not to invite the applicant to restrict or pay additional fees.
3. This Authority considers that the requirement of unity of invention in accordance with Rules 13.1, 13.2 and 13.3 is
- ☐ complied with.
  - ☐ not complied with for the following reasons:
4. Consequently, the following parts of the international application were the subject of international preliminary examination in establishing this report:
- ☐ all parts.
  - ☒ the parts relating to claims Nos. 1-9.

## V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

### 1. Statement

Novelty (N)	Yes:	Claims	1-9
	No:	Claims	
Inventive step (IS)	Yes:	Claims	1-9
	No:	Claims	
Industrial applicability (IA)	Yes:	Claims	1-9
	No:	Claims	

### 2. Citations and explanations see separate sheet

**INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT - SEPARATE SHEET**

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International application No. PCT/GB00/03357

**Re Item V**

**Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

(1) **CLAIM 1**

**PRIOR ART :**

GB-A-278502 discloses a parallel rule comprising two component rules each providing one of two opposed parallel straight edges, and a linkage allowing relative movement of the rules in a direction orthogonal to the straight edges but prohibiting relative movement in a direction parallel to the straight edges (see part of claim 1).

**PROBLEM :**

To plot latitude and/or longitude on a chart.

**SOLUTION :**

The provision of at least one through hole suitable to receive the point of a pencil so as to make a line of latitude or longitude on a chart, in use, solves the problem posed.

**INVENTIVE STEP :**

Parallel rules similar in principle to that described in GB-A-278502 have been known since 1725 and have no hole to receive the point of a pencil and no one thought to provide such a hole.

The above problem went unrecognised for almost three centuries and recognition of the problem contributes to the inventive step.

(2) **CLAIM 2-9**

Dependent claims 2-9 include the subject-matter of claim 1 and thus their subject-matter is new and involve an inventive step.

**INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT - SEPARATE SHEET**

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International application No. PCT/GB00/03357

**Re Item VII**

**Certain defects in the international application**

Independent claim 1 is not in the two-part form in accordance with Rule 6.3(b) PCT, which in the present case would be appropriate, with those features known in combination from the prior art (document GB-A-278502) being placed in the preamble (Rule 6.3(b)(I) PCT) and with the remaining features being included in the characterising part (Rule 6.3(b)(ii) PCT).

The applicant has not provided reasons why the claim should not be in the two-part form. Neither did he clearly indicate in the description which feature/s of the subject-matter of claim 1 is already known from document GB-A-278502; see the PCT Guidelines, III-2.3a.

The features of the claims are not provided with reference signs placed in parentheses (Rule 6.2(b) PCT).

(19) World Intellectual Property Organization  
International Bureau



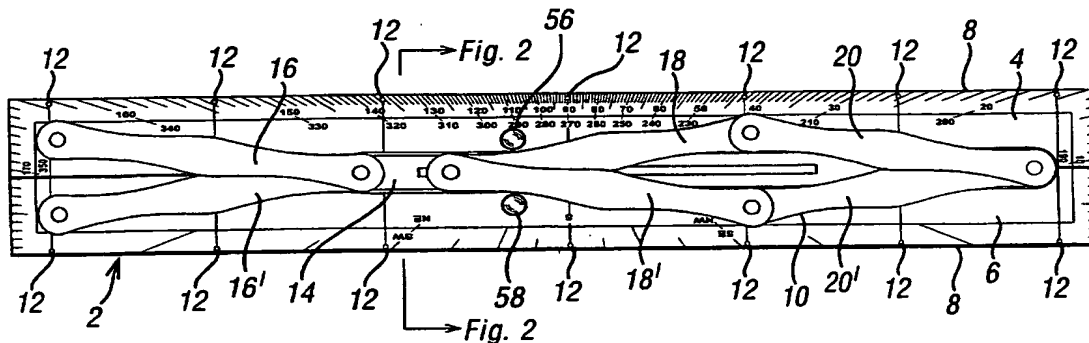
(43) International Publication Date  
8 March 2001 (08.03.2001)

PCT

(10) International Publication Number  
**WO 01/15913 A3**

- (51) International Patent Classification<sup>7</sup>: **B43L 7/12**, 12/00, A45C 11/36
- (21) International Application Number: PCT/GB00/03357
- (22) International Filing Date:  
1 September 2000 (01.09.2000)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
9920664.1 1 September 1999 (01.09.1999) GB
- (71) Applicant (for all designated States except US): **IDEAS WORKSHOP LTD.** [GB/GB]; 54 Cookham Road, Maidenhead, Berks SL6 7HT (GB).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **HUMPHRIES, Michael** [GB/GB]; Ideas Workshop Ltd., 54 Cookham Road, Maidenhead, Berks SL6 7HT (GB).
- (74) Agent: **WEITZEL, David, Stanley**; Brookes Batchellor, 102-108 Clerkenwell Road, London EC1M 5SA (GB).
- (81) Designated States (national): AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- Published:  
— with international search report
- (88) Date of publication of the international search report:  
11 October 2001
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PARALLEL RULE



(57) Abstract: A parallel rule is disclosed having two component rules (4, 6) each providing one of two opposed parallel straight edges. A linkage (10) allows relative movement of the rules in a direction orthogonal to the straight edges but prohibits relative movement in a direction parallel to the straight edges. At least one component rule has at least one through hole (12) suitable to receive the point of a pencil.



# INTERNATIONAL SEARCH REPORT

International Application No.

PCT/GB 00/03357

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 B43L7/12 B43L12/09 A45C11/36

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B43L A45C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 168 948 A (CAMPBELL) 22 January 1986 (1986-01-22) the whole document ---	1-3
Y	US 5 501 019 A (CONCARI ET AL.) 26 March 1996 (1996-03-26) abstract; figures ---	1-3
Y	GB 278 502 A (CAPLIN) page 1, line 34 -page 2, line 2; figures ---	1,2,4
Y	US 4 235 022 A (ALDAPE) 25 November 1980 (1980-11-25) abstract; figures ---	1,2,4
A	GB 424 907 A (LUARD) 4 March 1935 (1935-03-04) claims; figures ---	1,3,4
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*8\* document member of the same patent family

Date of the actual completion of the international search

20 April 2001

Date of mailing of the international search report

03.05.01

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040. Tx. 31 651 epo nl.  
Fax: (+31-70) 340-3016

Authorized officer

Perney, Y

# INTERNATIONAL SEARCH REPORT

International Application No.

PCT/GB 00/03357

## C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Creation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 619 338 A (LUARD) 8 March 1949 (1949-03-08) figures 1,4 ----	1,4
Y	US 2 161 236 A (SHAW) 6 June 1939 (1939-06-06) the whole document ----	9,14
Y	DE 15 11 428 A (WILHELM DAHLE METALLWARENFABRIK) 31 July 1969 (1969-07-31) page 4, last paragraph -page 6, last paragraph; figures 4-6 ----	9,14
A	FR 1 191 549 A (DARVAL) 20 October 1959 (1959-10-20) - abstract; figures ----	9,14
A	US 1 343 968 A (HAHN) 22 June 1920 (1920-06-22) the whole document -----	9,14

# INTERNATIONAL SEARCH REPORT

International Application No.  
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## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
  
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
  
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
  
3. ☒ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:  
  
1-4 9 and 14
  
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210**

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-4

A parallel rule having at least a hole

2. Claims: 5-8 10-13

a parallel rule contained in a package

3. Claims: 9, 14

a parallel rule having friction material

# INTERNATIONAL SEARCH REPORT

Int. Patent Application No

PCT/GB 99/03357

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 168948	A	22-01-1986	GB 2160478 A	24-12-1985
US 5501019	A	26-03-1996	US 5426859 A	27-06-1995
			CA 2136398 A,C	07-06-1995
			DE 69402946 D	05-06-1997
			DE 69402946 T	14-08-1997
			EP 0657307 A	14-06-1995
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			DE 2905015 A	13-09-1979
			FR 2418098 A	21-09-1979
			GB 2015933 A	19-09-1979
			JP 54130250 A	09-10-1979
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GB 619338	A	08-03-1949	NONE	
US 2161236	A	06-06-1939	NONE	
DE 1511428	A	31-07-1969	NONE	
FR 1191549	A	20-10-1959	NONE	
US 1343968	A	22-06-1920	NONE	

## CLAIMS

1. A parallel rule, comprising two component rules each providing one of two opposed parallel straight edges, and a linkage allowing relative movement of the rules in a direction orthogonal to the straight edges but prohibiting relative movement in a  
5 direction parallel to the straight edges, wherein at least one component rule has at least one through hole suitable to receive the point of a pencil.
2. A parallel rule as claimed in claim 1, wherein both component rules have through holes in corresponding positions.
3. A parallel rule as claimed in claim 1 or 2, the linkage comprises an  
10 intermediate member connected to each component rule by a respective set of three links, two links in each set being pivotally connected to both the intermediate member and the component rule by pivots situated on corners of a variable parallelogram, the other link in each set being pivotally connected to the component rule and both pivotally and slidably connected to the intermediate member for sliding movement together,  
15 parallel to the straight edges.
4. A parallel rule as claimed in claim 1 or 2, wherein the linkage comprises two links each pivotally connected to a respective component rule, each pivotally and slidably connected to the other component rule for sliding movement parallel to its straight edge and pivotally connected together between the component rules.
- 20 5. A parallel rule as claimed in any preceding claim, contained by a package, the package being so formed that at least part of the parallel rule is visible therethrough, and so that the component rules may be opened and closed.
6. A parallel rule as claimed in claim 5, wherein the package has an opening  
through which one of the component rules may be accessed, to open and close the  
25 component rules, whilst retaining the parallel rule in the package.